

AS INTERFACE SAFETY AT WORK SLIMLINE S22,5F  
CAGE CLAMP TERMINAL IP20 2F-DI



Figure similar

### General technical data:

<b>Design of the product</b>		Safe SlimLine module S22,5F, 2F-DI
<b>Type</b>		2 inputs, safe
<b>I/O configuration</b>		0
<b>ID/ID2 code</b>		B/F
<b>Protocol is supported AS-interface protocol</b>		Yes
<b>Type of electrical connection of the inputs and outputs</b>		spring-loaded terminals
operating voltage according to AS-Interface specification	V	26.5 ... 31.5
<b>AS interface total current input max</b>	mA	45
<b>Addressing</b>		front addressing socket
<b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>		A
<b>Equipment marking acc. to DIN EN 61346-2</b>		A

### Inputs:

<b>Number of digital inputs safety-related</b>		2
<b>Inputs</b>		mechanical switching contact
• sensors		contact closed
• switching level High		contact open
• switching level Low		
<b>Input current at digital input for signal &lt;1&gt; minimum</b>	mA	5

### Outputs:

<b>Type of voltage of output voltages</b>		DC
<b>Status display</b>		

- display of I/Os
- display of AS-Interface/diagnostics

yellow LED  
green/red LED

#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
<b>Protection class IP</b>		IP20

#### Mechanical data:

<b>Width</b>	mm	22.5
<b>Height</b>	mm	90
<b>Depth</b>	mm	91
<b>Mounting type</b>		standard rail mounting/wall mounting

#### Certificates/ approvals:

<b>AS-Interface certificate</b>		yes
<b>Approvals</b>		UL, CSA

#### General Product Approval

Functional  
Safety/Safety  
of Machinery



[Type Examination Certificate](#)

#### Declaration of Conformity

#### Shipping Approval



EG-Konf.



ABS



BUREAU  
VERITAS



LRS



PRS



RINA

#### Shipping Approval

#### other



RMRS

[Declaration of Conformity](#)

[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

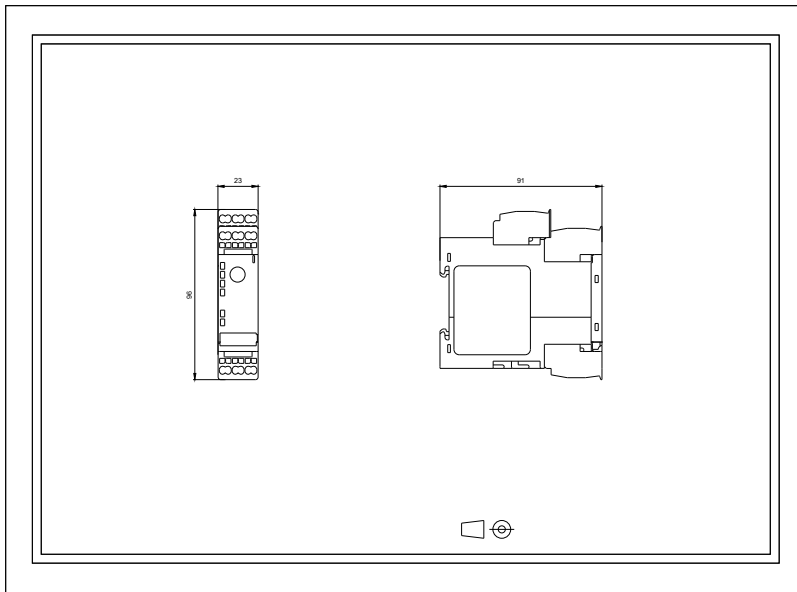
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12050BG000AA2>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RK12050BG000AA2/all>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12050BG000AA2&lang=en>



last modified:

09.03.2015